

Table 6 comparisons of DEGs GO annotation by low temperature stress treatment

Go term	Go classify	T0 vs T1	T0 vs T02	Ratio of DEGs (T0vsT02)/(T0vsT2)
Biological process	Metabolic process	247	429	1.74
	Cellular process	239	356	1.49
	Single-organism process	171	301	1.76
	Biological regulation	98	110	1.12
	Localization	58	97	1.67
	Response to stimulus	76	98	1.29
	Cellular component organization or biogenesis	23	51	2.22
	Developmental process	23	34	1.48
	Multicellular organismal process	16	25	1.56
	Reproduction	10	25	2.50
	Reproductive process	10	25	2.50
Cellular component	Cell	166	298	1.80
	Cell part	160	290	1.81
	Membrane	226	329	1.46
	Organelle	88	182	2.07
	Membrane part	177	266	1.50
	Organelle part	24	71	2.96
	Macromolecular complex	19	37	1.95
	Extracellular region	22	37	1.68
	Cell junction	10	18	1.80
Molecular function	Catalytic activity	289	502	1.74
	Binding	254	414	1.63
	Transporter activity	42	61	1.45
	Nucleic acid binding transcription factor activity	24	12	0.50
	Molecular function regulator	4	12	3.00
	Antioxidant activity	9	13	1.44
	Electron carrier activity	6	12	2.00